



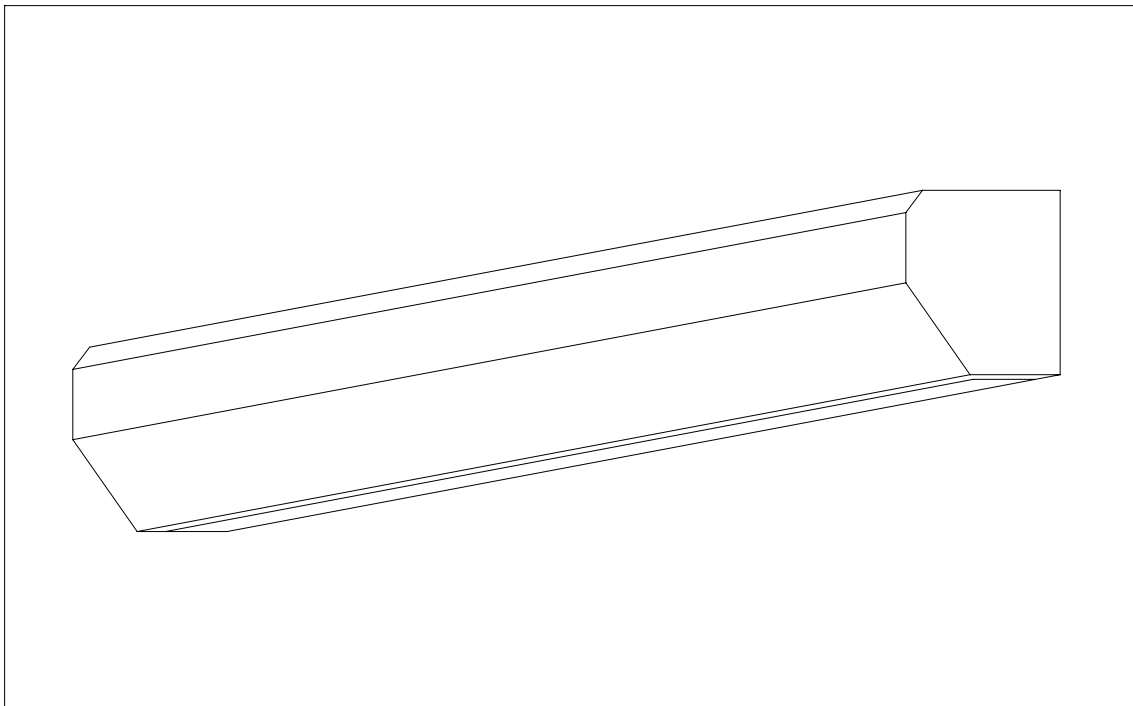
# USER'S MANUAL

## AIR CURTAINS

**ACS36i-2**

**ACS48i-2**

**ACS60i-2**

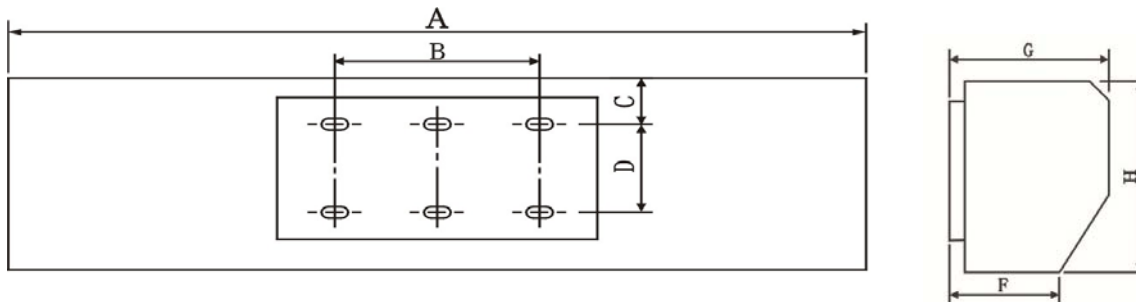


Thanks for purchase this Air Curtain, please read these instructions carefully before use.

## 1. PRODUCT INTRODUCTION

As one of the new top-class products for modern decoration, air curtain is also matched with the air-conditioner. And it is installed at the entrances of supermarket, theater, meeting room, hotel, office room, working shop and storeroom to prevent the dust, mosquito and nocuous air, and so on.

## 2. IDENTIFICATION & INSTALLATION DIMENSIONS

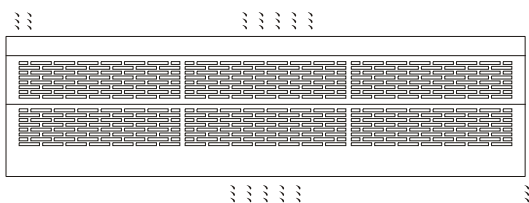


| MODEL     | A    | B   | C  | D  | F   | G   | H   |
|-----------|------|-----|----|----|-----|-----|-----|
| ACS 36i-2 | 900  | 240 | 42 | 90 | 105 | 180 | 215 |
| ACS 48i-2 | 1200 |     |    |    |     |     |     |
| ACS 60i-2 | 1500 | 840 |    |    |     |     |     |

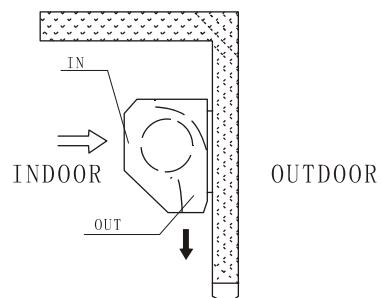
## 3. INSTALLATION CAUTION

Must follow below when installing air curtain :

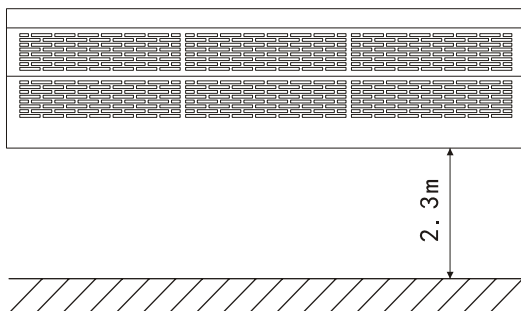
3.1 Please install the unit in a sturdy place to avoid the shaking and ensure its security (because it maybe causes the wall becoming flexible or shaking and noise.



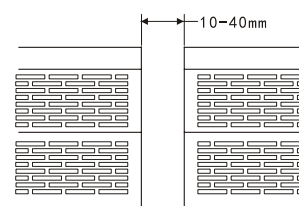
3.2 Please install the unit inside the room.



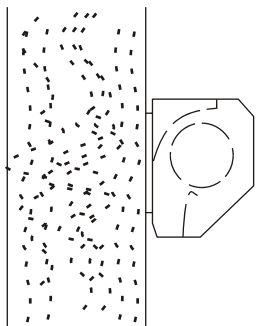
3.3 Don't install the unit too low, no less than 2.3 meters from the ground.



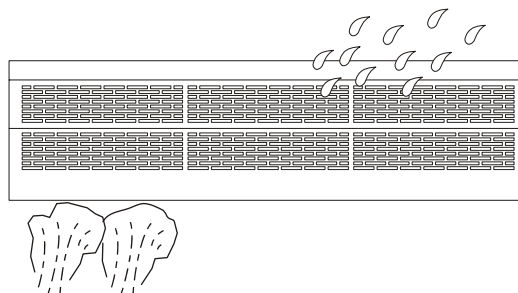
3.4 When the entrance is wider than the unit, it is recommended to install two or more units in parallel. In this case, provide 10-40mm gaps between the units.



3.5 Don't allow gaps between the unit and the wall.  
When hanging it from the ceiling, using the enclosed ceiling brackets.



3.6 Don't install the unit in a place where it is splashed by water, exposed to excessive steam, explosive gas or corrosive gas.

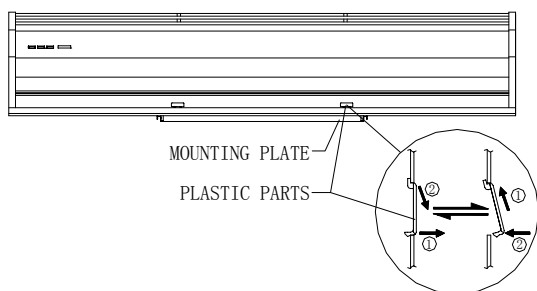


## 4. INSTALLATION

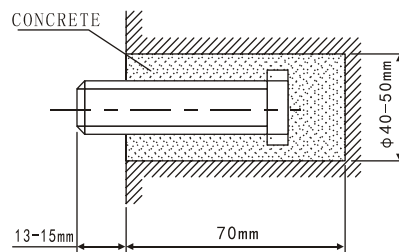
### A. Installing on the concrete wall:

#### 4.1.1 Removed the mounting plate

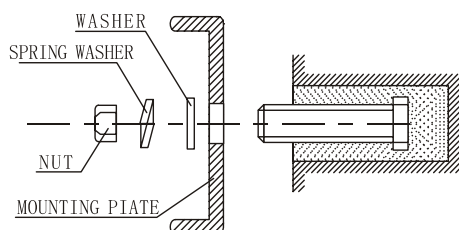
Unclamping the fixed screws on the back of main body to removed the mounting plate.



4.1.2 Fix the bolts in the proper position (Decide the position with the mounting plate and pour cement into the bolt holes.)

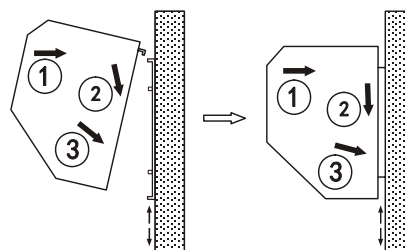


4.1.3 When the cement has concreted, fit the mounting plate (use the washer and nut according to the following)



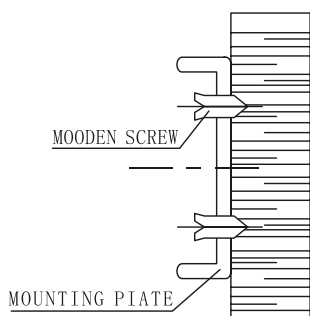
#### 4.1.4 Install the main body

Set the main body onto the upper end of the mounting plate and clamp it as shown.

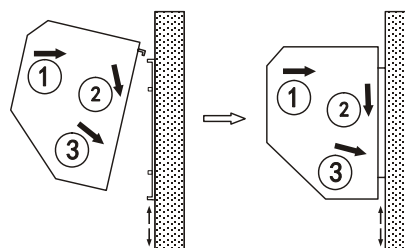


### B. Installing on the wooden wall

4.2.1 Fix the mounting plate in the proper positions with tapping screw.

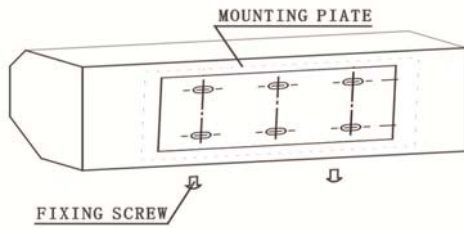


4.2.2 Same as the step 4 of A

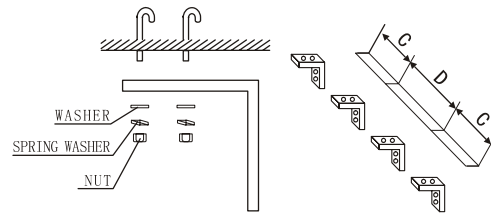


## C. Hanging from the ceiling

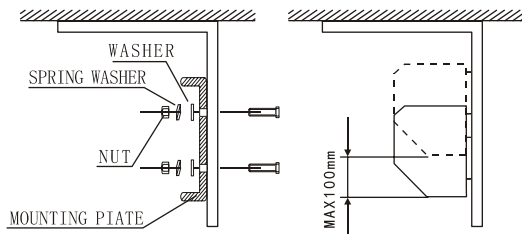
4.3.1 Remove the mounting plate from main body  
(Same as step 4.1.1)



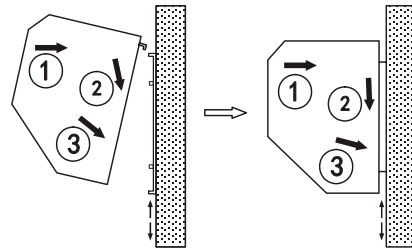
4.3.2 Fixing ceiling brackets as Fig.



4.3.3 Set the mounting plate on the ceiling brackets and ensure safety & fixing (use the bolts attached to the ceiling brackets as Fig. Using the ceiling brackets to hang from the ceiling, the position of mounting plate can be adjusted in the limit of 100mm.



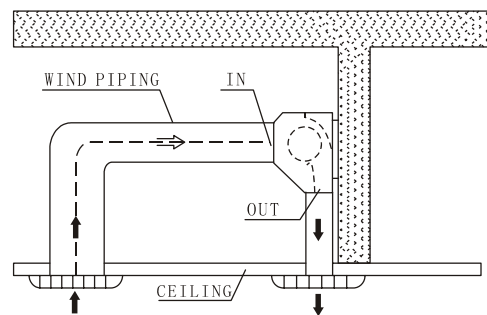
4.3.4 Do the same as step 4 of A to install the main body.



## D. For above ceiling

4.4.1 Fix the air curtain as in the procedure for installing on the concrete wall.

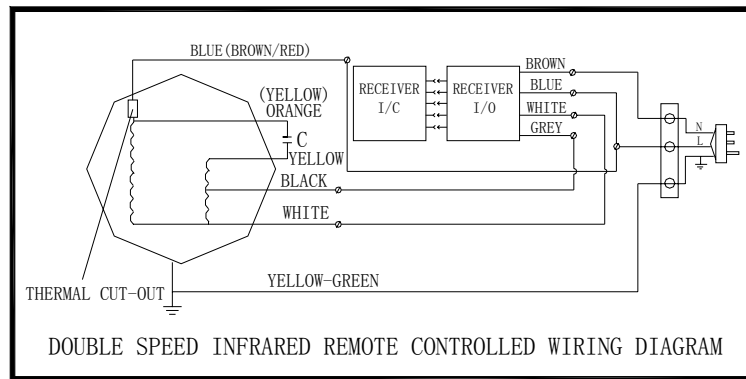
4.4.2 Then install the pipes as right Fig. Instruction.



## 5. TECHNICAL PARAMETER

| MODEL     | Diam.<br>of wheel<br>(mm) | Volt.<br>(V~) | Freq<br>(Hz) | Max input power<br>(W) |     | Max air<br>speed(m/s) |   | Noise<br>(dB) |    | Air volume<br>(m <sup>3</sup> /h) |      | Net<br>weight<br>(Kg) | Dimension<br>(mm) |
|-----------|---------------------------|---------------|--------------|------------------------|-----|-----------------------|---|---------------|----|-----------------------------------|------|-----------------------|-------------------|
|           |                           |               |              | H                      | L   | H                     | L | H             | L  | H                                 | L    |                       |                   |
| ACS 36i-2 | 115                       | 220           | 50/60        | 160                    | 110 | 11                    | 9 | 57            | 55 | 1150                              | 900  | 11                    | 900×180×215       |
| ACS 48i-2 |                           |               |              | 200                    | 150 |                       |   | 58            | 56 | 1750                              | 1200 | 13.5                  | 1200×180×215      |
| ACS 60i-2 |                           |               |              | 230                    | 180 |                       |   | 59            | 57 | 2180                              | 1500 | 15                    | 1500×180×215      |

## 6. ELECTRIC WORK



## 7. OPERATION

7.1 Turn on the power switch

7.2 Select the best speed : High[H]、 Low[L]

7.3 According to the installation place to adjust the direction vane to obtain the best effect.

## 8. CAUTIONS

- Use the unit at the rated voltage and frequency indication on the nameplate.
- Disconnect power source before unit operation.
- Routing maintenance must be done every year.
- Never use petrol, benzene, thinner or any other such chemical for clearing the unit.
- Don't allow water or anything enters the motor.
- When power supply comes from socket, the plug must accord with IEC335-1. When the power cord is connected with charging line directly, all polarity switches that the contact gap is 3mm at least must be installed in the charging line.
- In order to avoid any injury, must change the line of air curtain by professional worker or factory when the line has trouble.